



2133
JP

Attorney's Docket No. 080398.P198

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Kondo

Application No.: 09/249,489

Filed: February 12, 1999

For: Method and Apparatus For Error Data
Recovery

Examiner: Mujtaba M. Chaudry

Art Unit: 2133

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Sir:

Per agreement between Applicant's counsel, Applicant is resubmitting
1449's and non-U.S. Patent art to be considered.

Applicant is further submitting copies of the stamped and returned
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Please find listed below copies of the original 1449 forms and postcards
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| 1. Submission of IDS | Date Mailed: February 12, 2002 |
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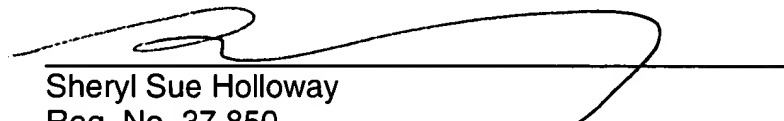
6. Submission of IDS	Date Mailed: April 10, 2000
7. Submission of IDS	Date Mailed: November 23, 1999
8. Submission of IDS	Date Mailed: June 11, 1999
9. Submission of IDS	Date Mailed: June 7, 1999
10. Submission of IDS	Date Mailed: March 24, 1999

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated Sept. 29, 2005


Sheryl Sue Holloway
Reg. No. 37,850

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025
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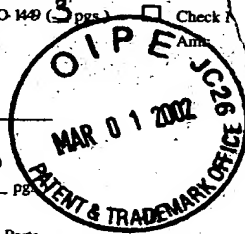
Serial/Patent No.: 09/249,489 Filing/Issue Date: February
Client: Sony Electronics, Inc.
Title: Method and Apparatus for Error Data Recovery

BSTZ File No.: 080398.P198 Atty/Secty Initials: MES/jky/bk
Date Mailed: February 12, 2002 Docket Due Date: ***

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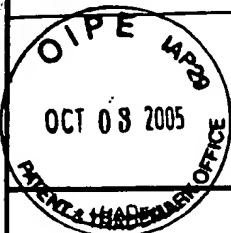
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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 080398.P198	Application No.: 09/249,489
	First Named Inventor: Kondo, et al.	Art Unit: 2622
	Filing Date: February 12, 1999	Examiner: Unassigned



U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		5,490,177		La Rosa, et al.	02-06-1996	
		5,944,851		Lee	08-31-1999	
		5,987,183		Saunders et al.	11-16-1999	
		6,052,814		Karasawa	04-18-2000	
		6,065,119		Sandford, II et al.	05-16-2000	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

Examiner Signature	Date Considered
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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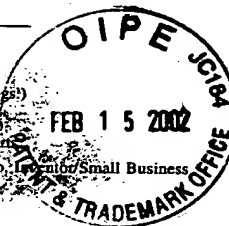
Serial/Patent No.: 09/249,489 Filing/Issue Date: February 12, 1999
Client: Sony Electronics, Inc.
Title: Method and Apparatus for Error Data Recovery

BSTZ File No.: 80398.P198 Atty/Secty Initials: MES/jkv/bks
Date Mailed: February 4, 2002 Docket Due Date: ***

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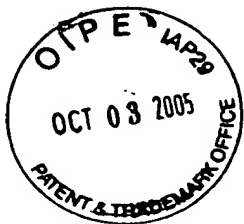
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| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time | Amt: _____ |
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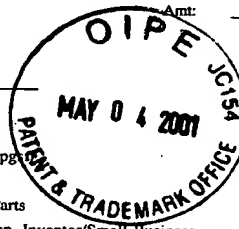
Serial/Patent No.: 09/249,489 Filing/Issue Date: February 12, 1999
Client: Sony Electronics, Inc.
Title: METHOD AND APPARATUS FOR ERROR DATA RECOVERY

BSTZ File No.: 080398.P198 Atty/Secty Initials: MES/jkv
Date Mailed: 5-1-01 Docket Due Date: _____

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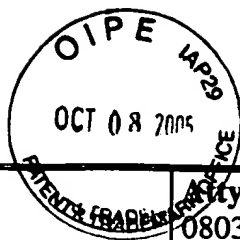
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**Form PTO-1449 (Modified)**Applicant Docket No.:
080398.P198Serial No.:
09/249,489List of Patents and Publications Statement
(Use several sheets if necessary)Applicants:
Kondo, et al.Filing Date:
February 12, 1999**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
	11/24/98	5,841,794	Inoue et al.			
	11/24/98	5,841,781	Takeda			
	8/17/99	5,940,411	Takeda			
	4/5/94	5,301,018	Smidth et al.			
	6/14/94	5,321,748	Zeidler et al.			
	12/10/96	5,583,573	Asamura et al.			

FOREIGN PATENT DOCUMENTS

No.	Document No.	Date	Country	Name	Class	Sub-Class	Translation
	0 806 872 A2	12/11/97	EPO				
	99/21369	4/29/99	WO				
	01/01702 A1	1/4/01	WO				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	Chan, et al., "Block Shuffling and Adaptive Interleaving for Still Image Transmission Over Rayleigh Fading Channels", pgs. 1002-1011, IEEE Transactions on Vehicular Technology, Vol. 48, No.3, May 1999
	Kondo, et al., "New ADRC For Consumer Digital VCR", pgs. 144-150, Sony Corporation, JAPAN
	Caglar et al., "New Efficient Shuffled Block Transform Design Technique", pgs. 834-835, Electronics Letters, May 26 th , 1994, Vol. 30, No. 11

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Serial/Patent No.: 09/249,489 Filing/Issue Date: 2/12/99
Client: Sony Electronics, Inc.
Title: Method and Apparatus for Error Data Recovery

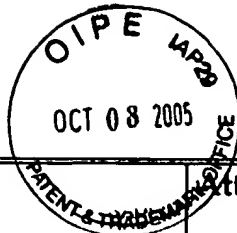
BSTZ File No.: 80398.P198 Atty/Secty Initials: MES/klb
Date Mailed: 8/28/00 Docket Due Date: ****

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Priority Docket No.:

Serial No.:

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09/249,489

List of Patents and Publications Statement

Applicants:

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Kondo, et al.

Filing Date:

2/12/99

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Exam. Initial	Date	Document Number	Name	Class	Sub- Class	Filing Date
	7/30/85	4,532,628	Matthews			
	2/9/93	5,185,746	Tanaka, et al.			
	3/3/98	5,724,099	Hamdi, et al.			
	5/23/00	6,067,636	Yao, et al.			

FOREIGN PATENT DOCUMENTS

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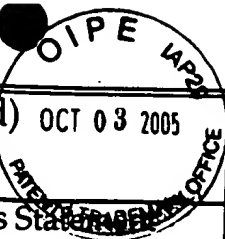
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U.S. PATENT DOCUMENTS

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	7/28/98	5,756,857	Yamaguchi			
	11/21/95	5,469,474	Kitabatake			
	7/28/92	5,134,479	Ohishi			
	7/15/97	5,649,053	Kim			
	1/14/97	5,594,807	Liu			
	9/22/92	5,150,210	Hoshi, et al.			
	10/27/92	5,159,452	Kinoshita			
	3/12/96	5,499,057	Kondo, et al.			
	4/11/95	5,406,334	Kondo, et al.			

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No.	Document No.	Date	Country	Name	Class	Sub-Class	Translation
	0 571 180 A2	5/18/93	EPO				
	0 746 157 A2	5/30/96	EPO				
	0 398 741 A	11/22/90	EPO				
	0 597 576 A	5/18/94	EPO				
	99 21090 A	4/29/99	WO				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	International Search Report PCT/US00/03439, 2/9/2000, 8 pgs.
	International Search Report PCT/US00/03595, 2/10/2000, 6 pgs.
	International Search Report PCT/US00/03611, 2/10/2000, 8 pgs.
	International Search Report PCT/US00/03599, 2/10/2000, 4 pgs.
	International Search Report PCT/US00/03742, 2/11/2000, 5 pgs.
	International Search Report PCT/US00/03654, 2/10/2000, 4 pgs.
	International Search Report PCT/US00/03299, 2/9/2000, 5 pgs.
	Meguro, et al., "An Adaptive Order Statistics Filter Based On Fuzzy Rules For Image Processing", pp.70-80, XP-00755627, 1997 Scripta Technica, Inc.

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Kondo, et al.

Filing Date: 2/12/99

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
	3/4/86	4,574,393	Blackwell, et al.			
	8/4/98	5,790,195	Ohsawa			
	1/19/99	5,861,922	Murashita, et al.			
	3/2/99	5,878,183	Sugiyama, et al.			
	6/3/97	5,636,316	Oku, et al.			
	4/7/98	5,737,022	Yamaguchi, et al.			
	9/7/93	5,243,428	Challapali, et al.			
	10/3/95	5,455,629	Sun, et al.			
	8/10/99	5,936,674	Kim			
	5/12/98	5,751,361	Kim			
	11/19/96	5,577,053	Dent			

FOREIGN PATENT DOCUMENTS

No.	Document No.	Date	Country	Name	Class	Sub-Class	Translation

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	Jeng, et al., "Concealment Of Bit Error And Cell Loss In Inter-Frame Coded Video Transmission", 1991 IEEE, 17.4.1-17.4.5.
	Monet, et al., "Block Adaptive Quantization Of Images", IEEE 1993, pp. 303-306.

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Applicants:

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Filing Date: 2/12/99**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

Exam. Initial	Date	Document Number	Name	Class	Sub- Class	Filing Date
	7/15/97	5,649,053	Kim			
	7/27/99	5,938,318	Araki			
	2/4/92	5,086,489	Shimura			
	3/3/92	5,093,872	Tutt			
	3/31/92	5,101,446	Resnikoff, et al.			
	11/24/92	5,166,987	Kageyama			
	1/5/93	5,177,797	Takenaka, et al.			
	9/15/98	5,809,231	Yokoyama, et al.			
	12/16/97	5,699,475	Oguro, et al.			
	10/14/97	5,677,734	Oikawa, et al.			
	9/30/97	5,673,357	Shima			
	9/17/96	5,557,479	Yanagihara			
	9/17/96	5,557,420	Yanagihara, et al.			
	12/5/95	5,473,479	Takahura			
	8/9/94	5,337,087	Mishima			

FOREIGN PATENT DOCUMENTS

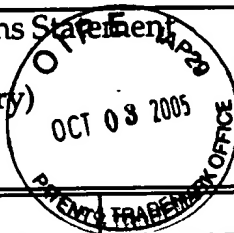
No.	Document No.	Date	Country	Name	Class	Sub-Class	Trans- lation

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Examiner**Date Considered**

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List of Patents and Publications Statement (Use several sheets if necessary)	Applicants: Kondo et al.	
Filing Date: 2/12/99		



REFERENCE DESIGNATION

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Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
	5/11/99	5,903,481	Kondo, et al.			
	11/30/82	4,361,853	Remy, et al.			
	11/18/97	5,689,302	Jones			
	8/29/95	5,446,456	Seo			
	3/3/98	5,724,369	Brailean, et al.			

FOREIGN PATENT DOCUMENTS

No.	Document No.	Date	Country	Name	Class	Sub-Class	Translation
	0 605 209 A2	12/23/93	EPO				
	0 592 196 A2	10/6/93	EPO				
	WO96/07987	9/7/95	PCT				
	0 566 412 A2	4/15/93	EPO				
	0 651 584 A2	10/19/94	EPO				
	WO99/21285	10/23/98	PCT				
	2 320 836 A	11/26/97	UK				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	International Search Report PCT/US00/03738, 2/11/2000, 9 pgs.
	Stammnitz, et al., "Digital HDTV Experimental System", pp. 535-542.
	International Search Report PCT/US00/03508, 2/9/2000, 8 pgs.
	Chu, et al., "Detection and Concealment of Transmission Errors in H.261 Images, XP-000737027, pp. 74-84, IEEE transactions, Feb. 1998.
	Park, et al., "Recovery of Block-coded Images from Channel Errors", p. 396-400, pub. Date 5/23/93.

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant



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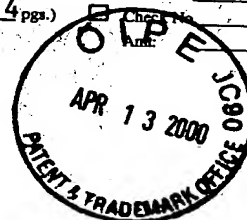
Serial/Patent No.: 69/249,489 Filing/Issue Date: 2/12/99
Client: Sony Electronics, Inc.
Title: Method and Apparatus for Error Data Recovery

BSTZ File No.: 80398, P198 Atty/Secty Initials: MES/k1b
Date Mailed: 4/10/00 Docket Due Date: *****

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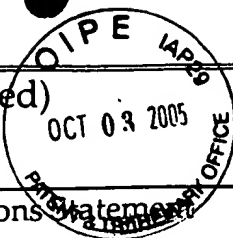
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☒ Other: 49 References cited.



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Form PTO-1449 (Modified)



Atty Docket No.:

Serial No.:

80398.P198

09/249,489

List of Patents and Publications

Applicants:

(Use several sheets if necessary)

Kondo, et al.

Filing Date:

2/12/99

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
	2/27/96	5,495,298	Uchida, et al.			
	8/31/99	5,946,044	Kondo, et al.			
	3/1/88	4,729,021	Kondo			
	4/16/74	3,805,232	Allen			
	12/04/90	4,975,915	Sako, et al.			
	3/28/67	3,311,879	Daher			

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

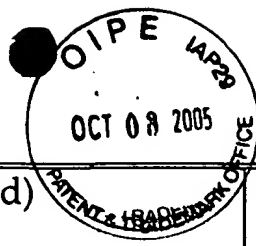
	Japanese Patent No. 05304659 and translation of Abstract
	Japanese Patent No. 05244578 and translation of Abstract
	Japanese Patent No. 05300485 and translation of Abstract
	Japanese Patent No. 06070298 and translation of Abstract
	Japanese Patent No. 06006778 and translation of Abstract
	Japanese Patent No. 06113256 and translation of Abstract
	Japanese Patent No. 06113275 and translation of Abstract
	Japanese Patent No. 06253287 and translation of Abstract
	Japanese Patent No. 06253280 and translation of Abstract
	Japanese Patent No. 06253284 and translation of Abstract
	Japanese Patent No. 06350981 and translation of Abstract
	Japanese Patent No. 06350982 and translation of Abstract
	Japanese Patent No. 08317394 and translation of Abstract
	Japanese Patent No. 07023388 and translation of Abstract
	Japanese Patent No. 04245881 and translation of Abstract
	Japanese Patent No. 04115628 and translation of Abstract
	Japanese Patent No. 04115686 and translation of Abstract

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Form PTO-1449 (Modified) List of Patents and Publications Statement (Use several sheets if necessary)	Atty Docket No.: 80398.P198	Serial No.: 09/249,489
	Applicants: Kondo, et al.	
	Filing Date: 2/12/99	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	Translation of Abstract of Japanese Patent No. 61147690.
	Translation of Abstract of Japanese Patent No. 63256080..
	Translation of Abstract of Japanese Patent No. 63257390.
	Translation of Abstract of Japanese Patent No. 02194785.
	Translation of Abstract of Japanese Patent No. 03024885.
	Translation of Abstract of Japanese Patent No. 04037293.
	Translation of Abstract of Japanese Patent No. 04316293.
	Translation of Abstract of Japanese Patent No. 04329088.
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	Translation of Abstract of Japanese Patent No. 06162693.
	Translation of Abstract of Japanese Patent No. 06253287.
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	Translation of Abstract of Japanese Patent No. 06253284.
	Translation of Abstract of Japanese Patent No. 07046604.
	Translation of Abstract of Japanese Patent No. 07085611.
	Translation of Abstract of Japanese Patent No. 07095581.
	Translation of Abstract of Japanese Patent No. 07177505.
	Translation of Abstract of Japanese Patent No. 07177506.
	Translation of Abstract of Japanese Patent No. 07240903.

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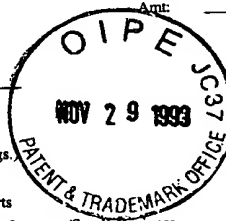
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Serial/Patent No.: 09/248,489 Filing/Issue Date: 2/12/99
Client: Sony Electronics
Title: Method and Apparatus for Error Data Recovery
BSTZ File No.: 80398.P198 Atty/Secty Initials: MES/clc
Date Mailed: 11/23/99 Docket Due Date: ****
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

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<input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)	<input type="checkbox"/> _____ Month(s) Extension of Time	Amt: _____
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<input type="checkbox"/> Application - Design (____ pgs.)	<input checked="" type="checkbox"/> Postcard	
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LOS ANGELES

Serial/Patent No.: 09/249,489 Filing/Issue Date: 2/12/99
Client: SONY CORPORATION
Title: METHOD AND APPARATUS FOR ERROR DATA RECOVERY
BSTZ File No.: 80398.P198 Atty/Secty Initials: MES/RCC/jb
Date Mailed: 6/1/99 Docket Due Date: _____
The following has been received by the U.S. Patent & Trademark Office on the date stamped hereon:

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Form PTO-1449 (Modified)

OCT 08 2005

Atty Docket No.:

Serial No.:

0398.P198

09/249,489

List of Patents and Publications Statement of

Applicants:

(Use several sheets if necessary)

Kondo et al.

Filing Date: 2/12/99

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
	1/28/97	5,598,214	Kondo et al.	348	414	9/28/94
	9/2/97	5,663,764	Kondo et al.	348	414	7/19/95
	12/22/98	5,852,470	Kondo et al.	348	448	5/28/96
	5/4/93	5,208,816	Seshardi et al.	371	43	3/11/92
	1/2/96	5,481,627	Kim	382	254	8/31/94
	3/14/95	5,398,078	Masuda et al.	348	699	10/30/92
	7/5/94	5,327,502	Katata et al.	382	56	1/16/92

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No.	Document No.	Date	Country	Name	Class	Sub-Class	Translation

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Examiner

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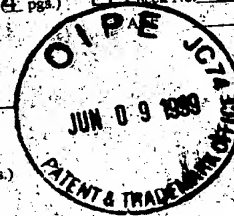
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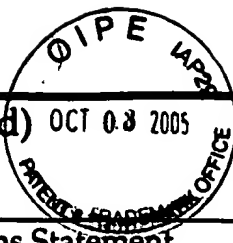
Serial/Patent No.: 09/249,489 Filing/Issue Date: 2/12/99
Client: Sony Electronics
Title: Method and Apparatus for Error Recovery
BSTZ File No.: 80398-B198 Atty/Sec'y. Initials: MES/clc
Date Mailed: 6/7/99 Docket Due Date: ****
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

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**Form PTO-1449 (Modified)**

OCT 08 2005

Atty Docket No.:**Serial No.:**

80398.P198

09/249,489

List of Patents and Publications Statement**Applicants:**

Kondo, et al.

Filing Date:

2/12/99

(Use several sheets if necessary)

REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
	3/21/89	4,815,078	Shimura	370	30	3/31/87
	5/12/98	5,751,743	Takizawa	371	41	10/1/92
	8/18/98	5,796,786	Lee	375	326	10/18/96
	12/30/97	5,703,889	Shimoda, et al.	371	55	12/14/94
	10/25/94	5,359,694	Concordel	358	445	7/27/92
	10/27/92	5,159,452	Kinoshita, et al.	358	141	10/22/90
	11/28/95	5,471,501	Parr, et al.	375	354	8/13/93

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No.	Document No.	Date	Country	Name	Class	Sub-Class	Translation

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	R. C. Gonzalez, et al., "Digital Image Processing", Addison Wesley Publishing Company, Inc., 1992, pp. 346-348.
	R. Aravind, et al., "Image and Video Coding Standards", AT&T Technical Journal, Jan./Feb. 1993, pp. 67-88.
	Zhu, et al., "Coding and Cell-Loss Recovery in DCT-Based Packet Video", IEEE Transactions on Circuits and Systems for Video Technology, 6/3/93, No. 3, NY.
	International Search Report, PCT/US98/22347, 3/16/99, 2pgs.
	International Search Report, PCT/US95/22531, 4/1/99, 1pg.
	International Search Report, PCT/US98/22411, 2/25/99, 1 pg.

Examiner**Date Considered**

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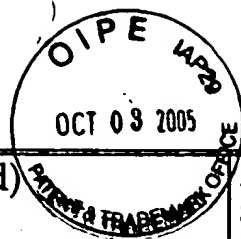
Serial/Patent No.: 09/249,489 Filing/Issue Date: 2/12/99
Client: Sony Electronics
Title: Method and Apparatus for Error Data Recovery
BSTZ File No.: 80398.P198 Atty/Secy Initials: MES/cle
Date Mailed: 3/20/99 Docket Due Date: ***
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

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<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)	<input checked="" type="checkbox"/> Petition for _____	
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**Form PTO-1449 (Modified)****Atty Docket No.:**

80398.P198

Serial No.:

09/249,489

List of Patents and Publications Statement
(Use several sheets if necessary)**Applicants:**

Kondo, et al.

Filing Date: 2/12/99**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

Exam. Initial	Date	Document Number	Name	Class	Sub-Class	Filing Date
	5/16/95	5,416,651	Uetake, et al.	360	48	10/30/91
	4/26/83	4,381,519	Wilkinson, et al.	358	21R	9/14/81
	12/6/83	4,419,693	Wilkinson, et al.	358	167	3/30/81
	11/21/95	5,469,216	Takahashi, et al.	348	441	11/30/94
	8/25/92	5,142,537	Kutner, et al.	371	31	2/2/90
	8/17/93	5,237,424	Nishino, et al.	358	310	7/26/91
	7/18/95	5,434,716	Sugiyama, et al.	360	32	2/2/94
	8/1/95	5,438,369	Citta, et al.	348	470	8/17/92
	9/8/98	5,805,762	Boyce, et al.	386	68	4/18/94
	4/29/97	5,625,715	Trew, et al.	382	236	10/21/93
	7/27/95	5,428,403	Andrew, et al.	348	699	9/30/92
	10/27/92	5,159,452	Kinoshita, et al.	358	141	10/22/90
	5/8/90	4,924,310	Von Brandt	358	136	8/22/89

FOREIGN PATENT DOCUMENTS

No.	Document No.	Date	Country	Name	Class	Sub-Class	Translation
	0 558 016	2/25/93	EPO		H04N	7/133	No
	0 527 611	8/7/92	EPO		H04N	9/80	No
	0 596 826	11/4/93	EPO		H04N	5/92	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	NHK Laboratories Note, "Error Correction, Concealment and Shuffling", No. 424, March 1994, pp. 29-44.
	Translation of Japanese Patent #7-67028, 30 pgs.
	Kondo, et al., "Adaptive Dynamic Range Coding Scheme for Future Consumer Digital VTR", pp. 219-226.
	Kim, et al., "Bit Rate Reduction Algorithm for a Digital VCR", IEEE Transactions on Consumer Electronics, Vol. 37, No.3, Aug. 1, 1992, pp. 267-274.

Examiner**Date Considered**

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Form PTO-1449 (Modified)

OCT 03 2005

Atty Docket No.:

80398.P198

Serial No.:

09/249,489

List of Patents and Publications Statements
(Use several sheets if necessary)

Applicants:

Kondo, et al.

Filing Date: 2/12/99

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Exam. Initial	Date	Document Number	Name	Class	Sub- Class	Filing Date
	6/18/96	5,552,608	Shimizume	371	40.3	4/7/95
	8/31/93	5,241,381	Kondo	358	133	8/16/91
	7/4/89	4,845,560	Kondo, et al.	358	133	5/18/88
	1/26/88	4,722,003	Kondo	358	135	11/19/86
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	10/27/87	4,703,352	Kondo	358	135	12/17/85
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